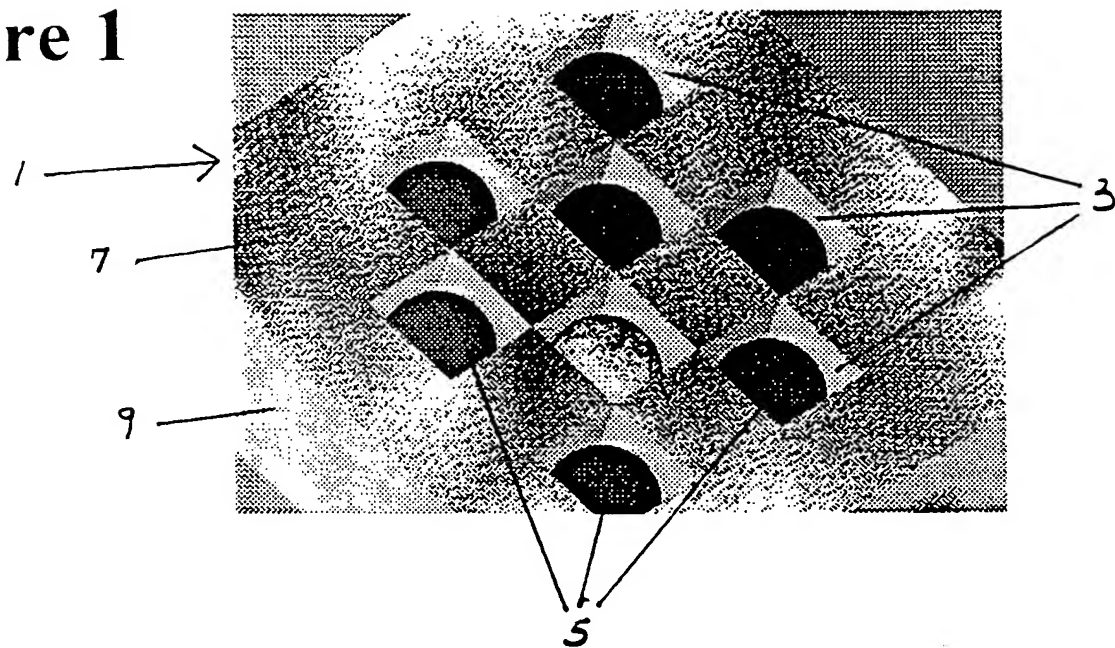
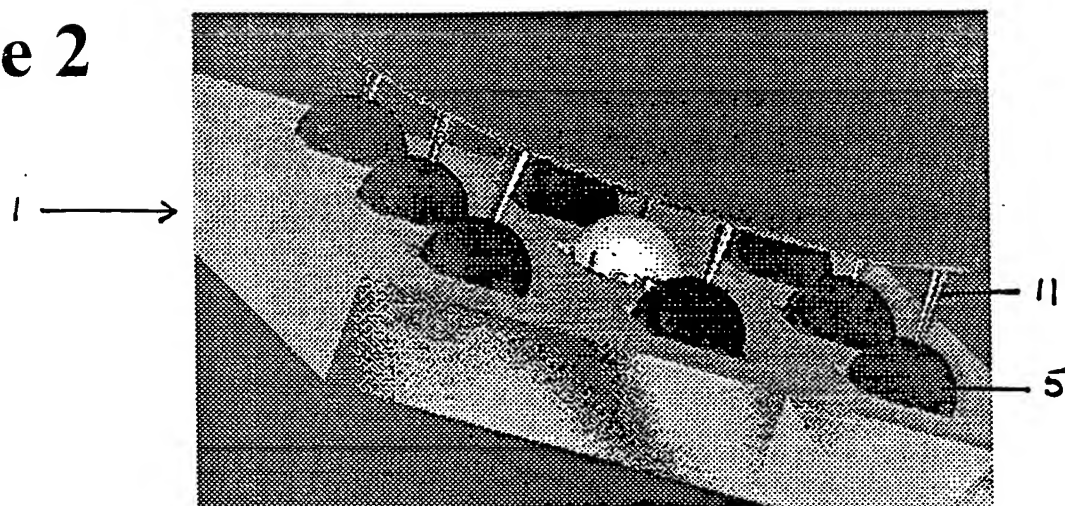


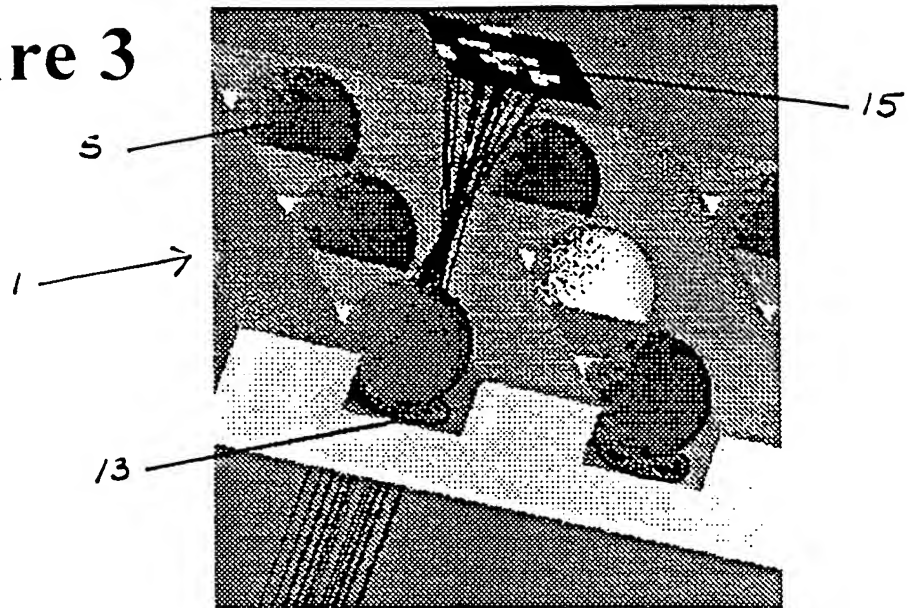
**Figure 1**



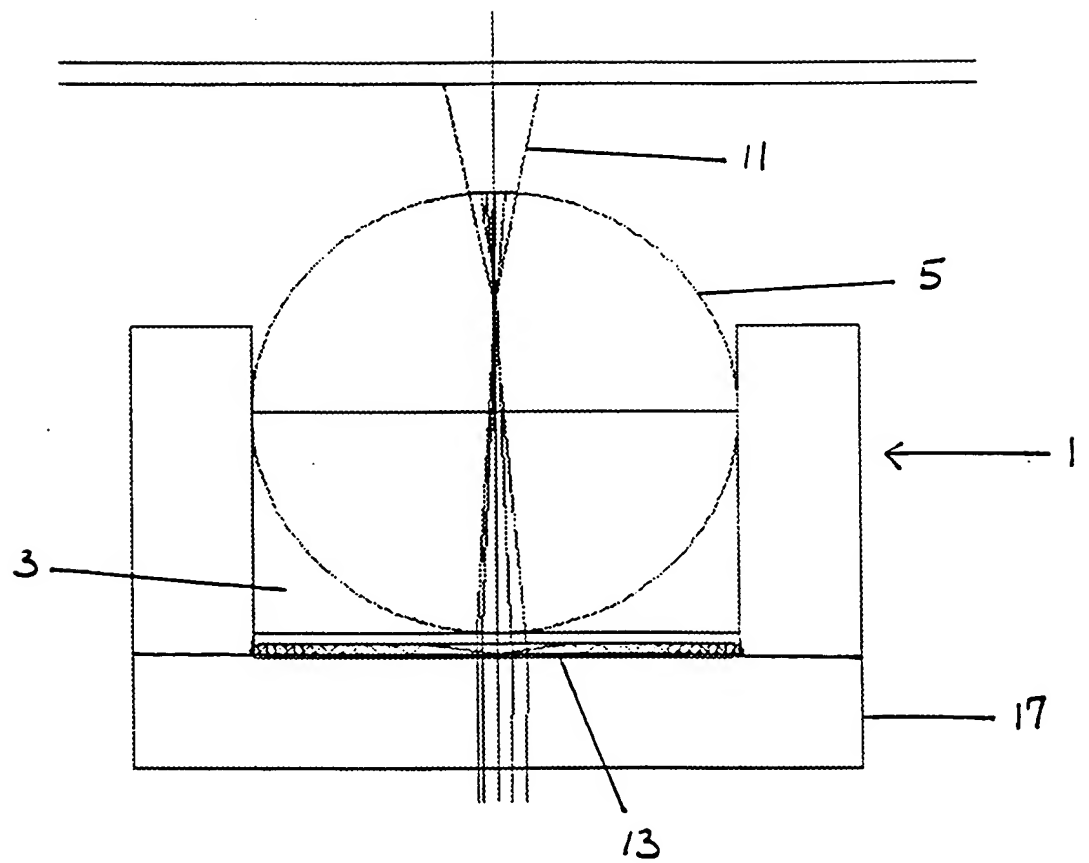
**Figure 2**



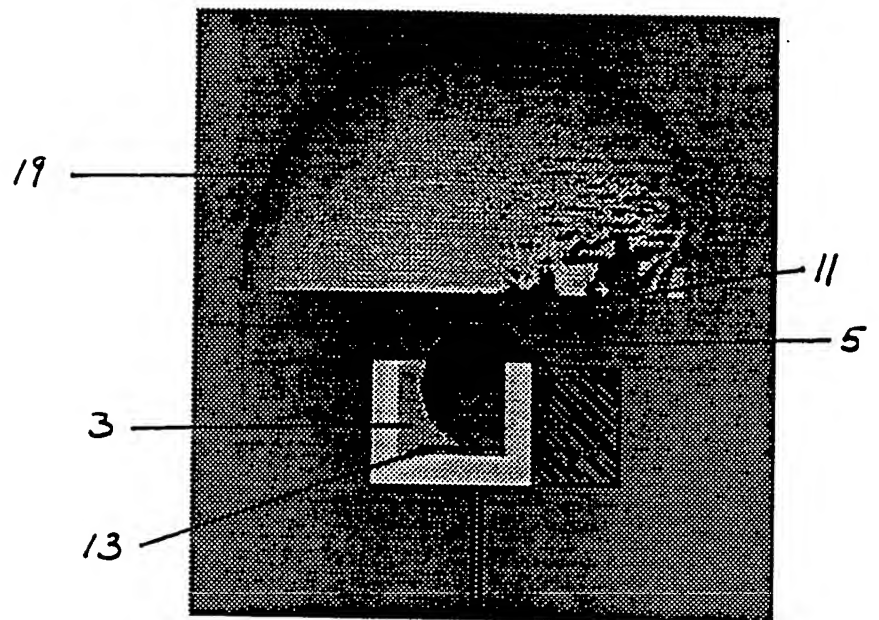
**Figure 3**



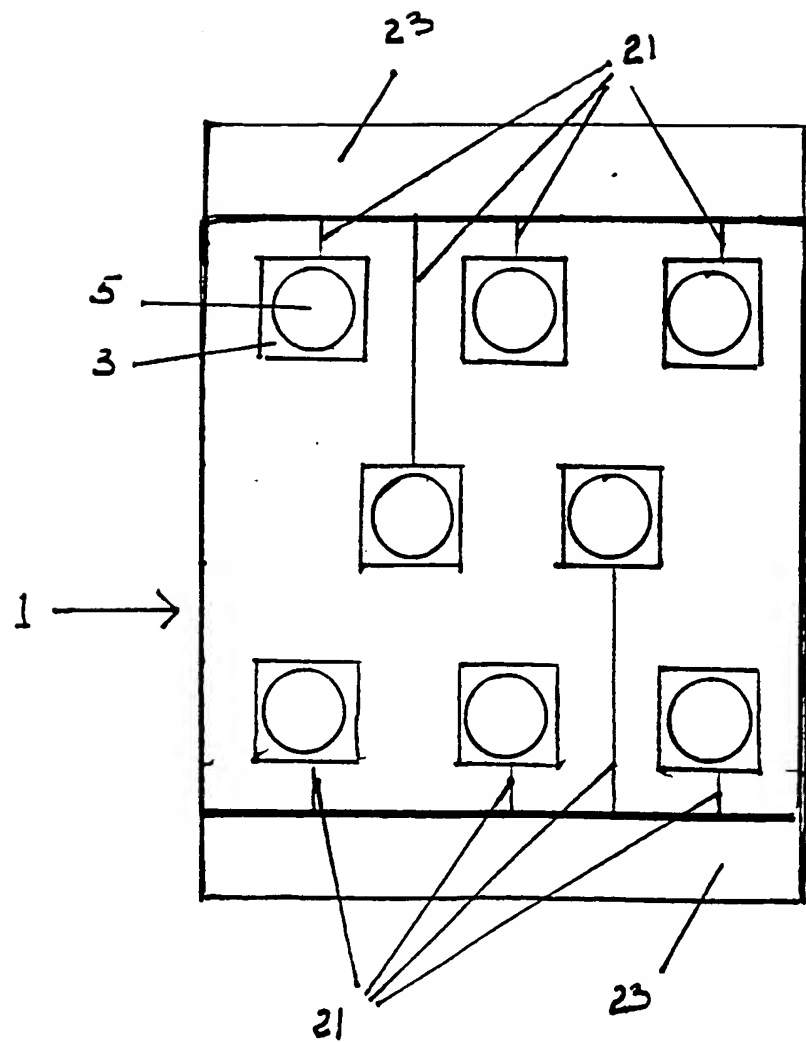
**Figure 4**

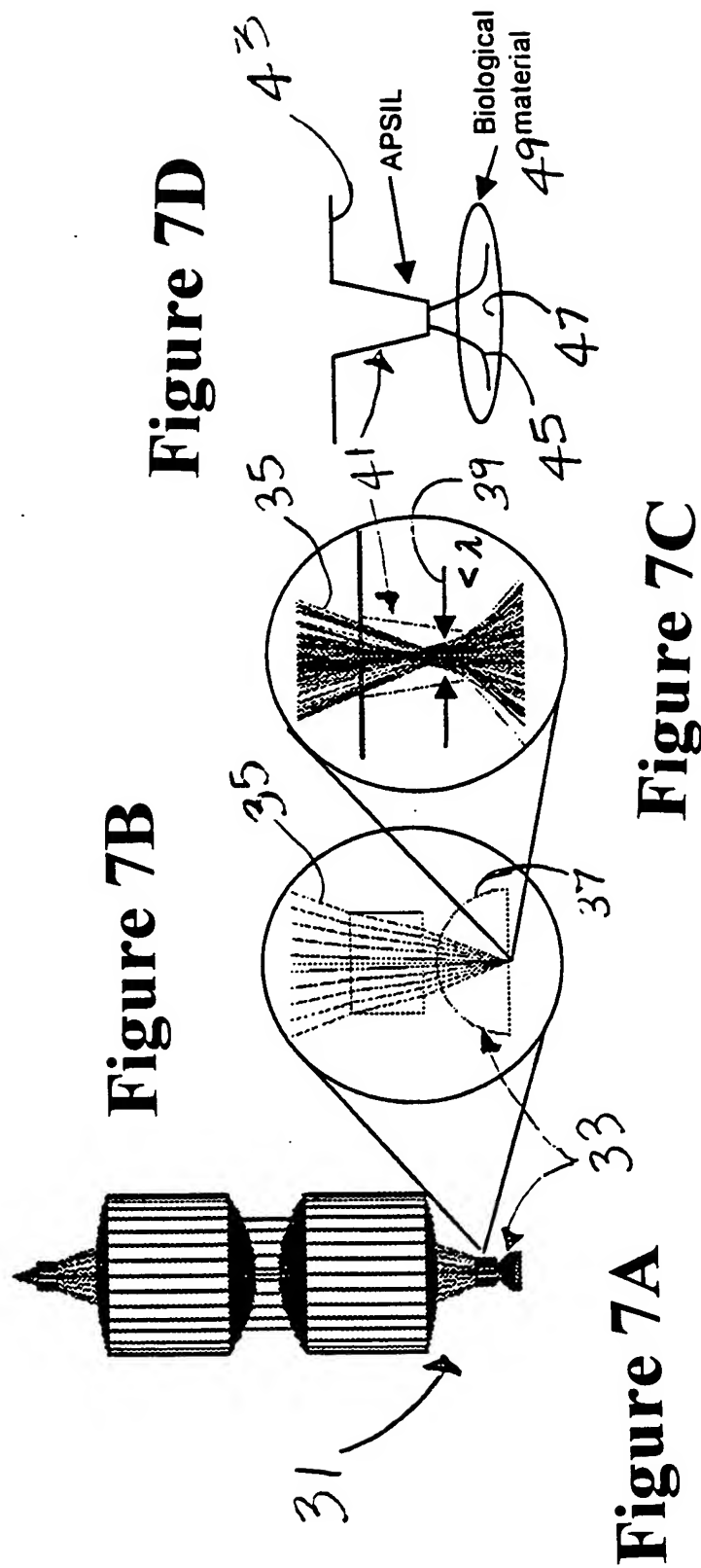


**Figure 5**



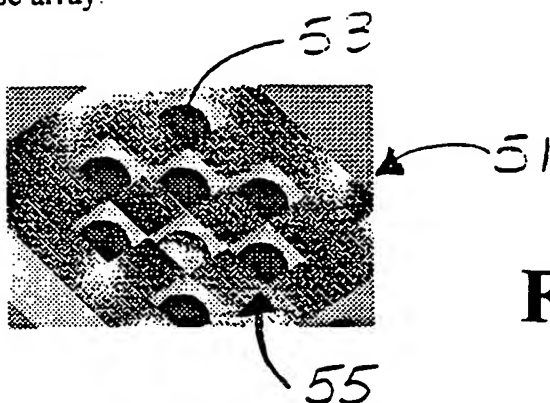
**Figure 6**





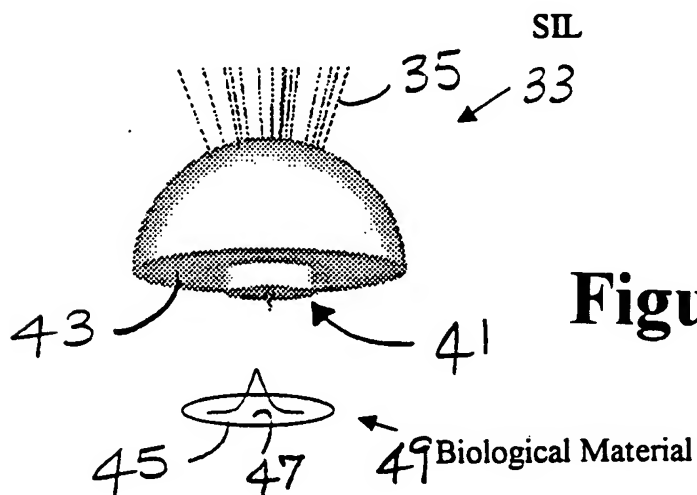
**Figure** Solid Immersion Lens with Near-field Aperture (APSIL). (a) SIL Microscope configuration. (b) enlarged view of SIL. (c) enlarged view of near-field aperture probe. (d) Near-field illumination of cell.

(a) Oceanit's "Cell Tray" to hold individual cells stationary in a precise array.



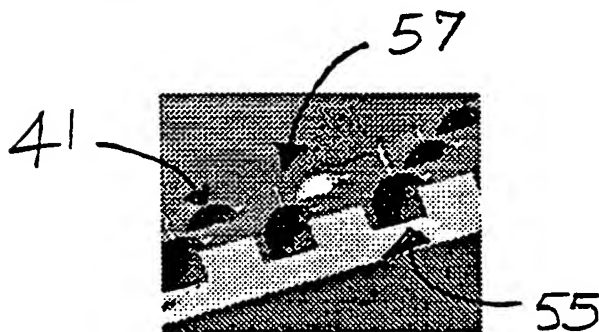
**Figure 8A**

(b) Near-Field probe technique using probe at the base of a SIL

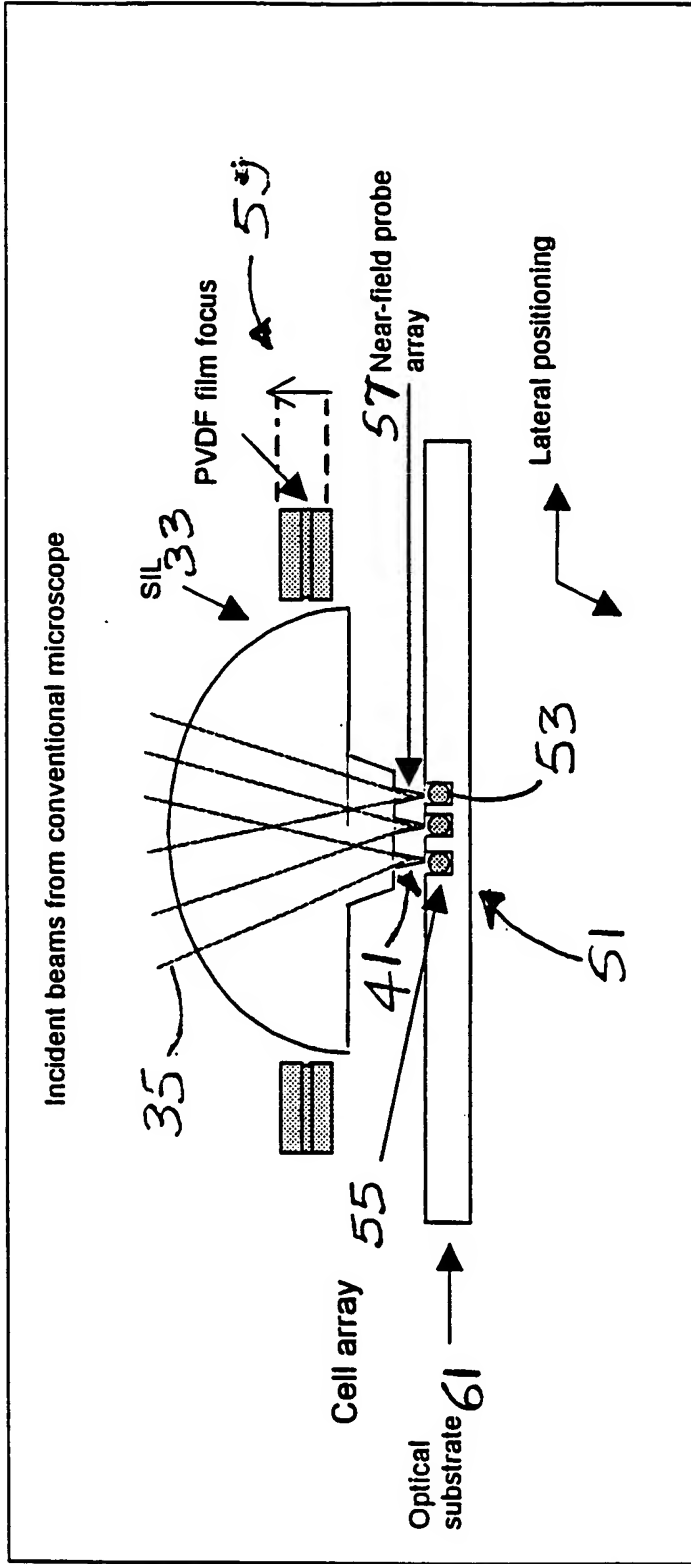


**Figure 8B**

(c) diagram of multiple probes fabricated in combination with a cell well array.



**Figure 8C**



**Figure 9**